



IRW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LAGRANGE et al.

Atty. Ref.: 839-1383

Serial No. 10/774,400

Group: TBA

Filed: February 10, 2004

Examiner: TBA

For: ADVANCED FIRTREE AND BROACH SLOT FORMS FOR  
TURBINE STAGE 1 AND 2 BUCKETS AND ROTOR  
WHEELS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

August 24, 2004

Sir:

**SUBMISSION OF POWER OF ATTORNEY  
AND NOTICE OF ADDRESS CHANGE**

Attached is a Power of Attorney for the above-referenced application. Please  
direct all future correspondence and communications associated with this case to:

NIXON & VANDERHYE P.C.  
1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, VA 22201-4714

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: \_\_\_\_\_

Chris Comuntzis  
Reg. No. 31,097

CC:lmr  
1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LAGRANGE et al.

Atty. Ref.: 839-1383

Serial No. 10/774,400

Group: TBA

Filed: February 10, 2004

Examiner: Tba

For: ADVANCED FIRTREE AND BROACH SLOT FORMS  
FOR TURBINE STAGE 1 AND 2 BUCKETS AND ROTOR  
WHEELS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

General Electric Company, being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

General Electric Company also authorizes Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

LAGRANGE et al.  
Serial No. 10/774,400

**Certificate Under 37 C.F.R. §3.73(b)**

General Electric Company, a corporation having a place of business at One River Road, Schenectady, New York 12345 states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on February 10, 2004 at reel , frame .

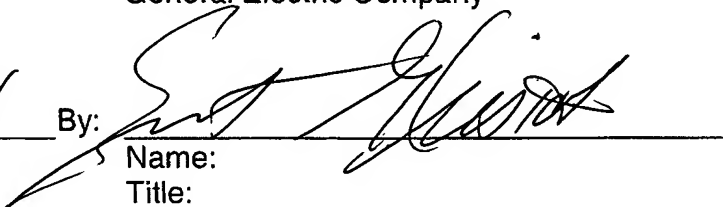
The undersigned (whose title is typed below) is empowered to sign this statement on behalf of General Electric Company.

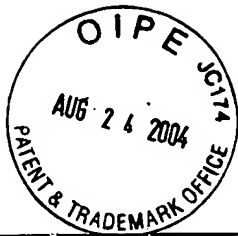
General Electric Company

August 18, 2004  
Date

By:

Name:  
Title:





027-1585  
CC

# UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 13, 2004

PTAS



\*102675810A\*

NIXON & VANDERHYE P.C.  
CHRIS COMUNTZIS  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201

## UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/2004

REEL/FRAME: 014983/0764

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAGRANGE, BENJAMIN ARNETTE

DOC DATE: 02/04/2004

ASSIGNOR:

LLOYD, TIMOTHY BRIAN

DOC DATE: 02/04/2004

ASSIGNEE:

GENERAL ELECTRIC COMPANY  
ONE RIVER ROAD  
SCHENECTADY, NEW YORK 12345

SERIAL NUMBER: 10774400

FILING DATE: 02/10/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: ADVANCED FIRTREE AND BROACH SLOT FORMS FOR TURBINE STAGE 1 AND 2  
BUCKETS AND ROTOR WHEELS

014983/0764 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



02-20-2004

HEET

U.S. Department of Commerce  
Patent and Trademark Office

Our Ref.: 839-1383

Commissioner of Patents and Trademark:  
Box Assignment, Washington, D.C. 20231

102675810

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Benjamin Arnette LAGRANGE  
Timothy Brian LLOYD

2. Name and address of receiving party(ies):

Name: General Electric Company

Internal Address: \_\_\_\_\_

Street Address: One River Road

City: Schenectady

State/Country: New York

Zip: 12345

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Assignment ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 4, 2004

Additional name/s & address/es attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

February 4, 2004

A. Patent Application No(s).

- (1) 10/unassigned  
(2)  
(3)

10774400

B. Patent No(s).

- (1)  
(2)  
(3)

2-10-04

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Chris Comuntzis

Internal Address: \_\_\_\_\_

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Chris Comuntzis

Name of Person Signing

Reg. No. 31,097

[Signature]  
Signature

February 10, 2004

Date

Total number of pages including original cover sheet, attachments, and document: [3]

10774400 00000014 10774400

47.30 07

839-1383

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, Benjamin Arnette LAGRANGE and Timothy Brian LLOYD, of 208 Ash Ridge Way, Simpsonville, South Carolina 29681 and 333 Caledon Court, Greenville, South Carolina 29615, respectively, sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in

ADVANCED FIRTREE AND BROACH SLOT FORMS  
FOR TURBINE STAGE 1 AND 2 BUCKETS AND ROTOR WHEELS

invented by us, as described in the application for United States Patent being filed herewith; therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

2/4/04  
Date

Benjamin Arnette Lorange  
Benjamin Arnette LAGRANGE

Witnessed by:

Name:

Robert W. Coyle

Date:

2/4/04

Name:

Paul C. Lorange

Date:

Feb. 4 2004

STATE OF \_\_\_\_\_)

ss):

COUNTY OF \_\_\_\_\_)

This \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came the above-named, Benjamin Arnette LAGRANGE, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

04 Feb 2004

\_\_\_\_\_  
Date
  
Timothy Brian LLOYD

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss):

COUNTY OF \_\_\_\_\_)

This \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came the above-named, Timothy Brian LLOYD, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_